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# PATENT

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Express Mail Label No.: EL 823 500 372 US

Case Docket No.: 2000P09073 US01  
Date: December 14, 2001

ASSISTANT COMMISSIONER FOR PATENTS  
Washington, D.C. 20231  
Box PATENT APPLICATION

Sir:

This application claims priority to U. S. Provisional Application Serial No. 60/255,615 (Atty. Dkt No. 00P9072US) filed December 14, 2000; U.S. Serial No. 60/255,614 (Atty. Dkt. 00P9073US) filed December 14, 2000; and U.S. Serial No. 60/255,613 (Atty. Dkt. No. 00P9074) filed December 14, 2000.

Transmitted herewith for filing is the patent application of:

**Inventor(s): Markus Loecher, Christian J. Darken**

For: METHOD AND APPARATUS FOR PROVIDING A POLYNOMIAL BASED VIRTUAL AGE ESTIMATION FOR REMAINING LIFETIME PREDICTION OF A SYSTEM

This application includes:

11 pages of specifications, including claims and abstract  
1 title page  
2 sheets of drawings, \_\_ formal/ X informal containing 2 Figures

Also enclosed is:

- Declaration and Power of Attorney
- An assignment of the invention to Siemens Corporate Research, Inc..
- A certified copy of a \_\_\_\_ application.
- Information Disclosure Statement pursuant to 37 CFR 1.56.

The filing fee has been calculated as shown below:

FOR:	(Col. 1) NO. FILED	(Col. 2) NO. EXTRA	OTHER THAN A SMALL ENTITY RATE FEE
BASIC FEE	XXXXXXXXXXXX	XXXXXXXXXXXX	\$ 740
TOTAL CLAIMS	16 - 20 =	x \$ 18 =	\$
INDEP CLAIMS	4 - 3 =	1 x \$ 84 =	\$ 84
* MULTIPLE DEPENDENT CLAIM PRESENTED +\$ 280 =			\$
<b>TOTAL</b>			<b>\$ 824</b>

- X Please charge my Deposit Account No. 19-2179 in the amount of \$ 824 duplicate copy of this sheet is enclosed.
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- X Any patent application processing fees under 37 CFR 1.17.
- X Any filing fees under 37 CFR 1.16 for presentation of extra claims.

Respectfully submitted,

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Jc720 U.S. PRO

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**APPLICATION FOR LETTERS PATENT  
OF THE UNITED STATES**

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**TITLE OF INVENTION:**

METHOD AND APPARATUS FOR PROVIDING A POLYNOMIAL BASED VIRTUAL AGE  
ESTIMATION FOR REMAINING LIFETIME PREDICTION OF A SYSTEM

TO WHOM IT MAY CONCERN, THE FOLLOWING IS  
A SPECIFICATION OF THE AFORESAID INVENTION